

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION: **Yun-Bok LEE**

GROUP ART UNIT: 2871

SERIAL NUMBER: 10/080,573

EXAMINER: TBA

FILED: February 25, 2002



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04 26-02

FOR: **ARRAY SUBSTRATE FOR IN-PLANE SWITCHING MODE LIQUID CRYSTAL DISPLAY  
DEVICE AND MANUFACTURING METHOD THEREOF**

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

MAR 28 2002

Commissioner for Patents  
Washington, D.C. 2023

Sir:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The Applicant(s) wish to make of record the references listed on the attached Form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending applications or issued patents which may be related to the present application. A copy of the patent(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

CERTIFICATION

The undersigned certifies that

- ☐ each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

PETITION

- ☐ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR § 1.17(i)(1).

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account No. 50-0911. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

LONG, ALDRIDGE & NORMAN LLP

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March 28, 2002

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TC-2800 MAIL ROOM

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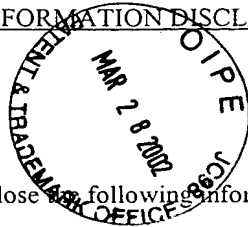
EXAMINER: TBA

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Washington, D.C. 20231



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Form PTO 1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT <i>(Use Several Sheets if Necessary)</i>		Attorney Docket No. 8733.594.00		Application No. 10/080,573			
Date: <del>March 15, 2002</del>		Applicant Yun-Bok LEE					
		Filing Date February 25, 2002		Group 2871			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,598,285	1/1997	Kondo et al.	349	39	September 20, 1993
		5,838,037	11/1998	Masutani et al.	257	296	May 19, 1997
		5,946,060	8/1999	Nishiki et al.	349	48	June 3, 1997
		5,990,987	11/1999	Tanaka	349	43	November 17, 1998
		6,028,653	2/2000	Nishida	349	141	June 19, 1997
		6,097,454	8/2000	Zhang et al.	349	43	June 29, 1999
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
		JP 09-005764	1/1997	Japan	Abstract		
		JP 09-073101	3/1997	Japan	Abstract		
		JP 09-105908	4/1997	Japan	Abstract		
		JP 09-101538	4/1997	Japan	Abstract		
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
		R. Kiefer et al.; "In-Plane Switching of Nematic Liquid Crystals"; Japan Display '92; pages 547-550					
		M. Oh-e, et al.; "Principles and Characteristics of Electro-Optical Behaviour with In-Plane Switching Mode"; Asia Display '95; pages 577-580					
		M. Ohta et al.; "Development of Super-TFT-LCDs with In-Plane Switching Display Mode"; Asia Display '95; pages 707-710					
		S. Matsumoto et al.; "Display Characteristics of In-Plane Switching (IPS) LCDs and a Wide-Viewing-Angle 14.5-in. IPS TFT-LCD; Euro Display '96; pages 445-448					
		H. Wakemoto et al.; "An Advanced In-Plane Switching Mode TFT-LCD"; SID 97 Digest; pages 929-932					
		S.H. Lee et al.; "High-Transmittance, Wide-Viewing-Angle Nematic Liquid Crystal Display Controlled by Fringe-Field Switching; Asia Display '98; pages 371-374					
EXAMINER		DATE CONSIDERED					
*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
**English-language abstract provided.							